

Work Order ID 147626

Wednesday, June 08, 2016 2:45:46 PM

147626

Page 1

Item ID: D412-769-044

Accept

N900040100

Setup Start ***NS1***

Revision ID:

Stop ***NS2***

Item Name: Aft Facing Seat Assembly, RH

Start Date: 5/30/2016 Start Qty: 1.00

1

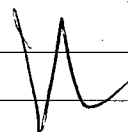
Cust Item ID:

Required Date: 6/8/2016 Req'd Qty: 1.00

1

Customer:

Reference:

Approvals: Process Plan:  Date: _____ Tooling: _____ Date: _____

Run Start ***NR1***

QC: _____ Date: _____ SPC (Y/N): _____ Date: _____

Stop ***NR2***

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
Draw Nbr	Revision Nbr								
D412-769-2	Rev B(DEO)								

100 Pick Kit 0.00

100

Packaging Memo 0.00

Packaging

DAS
6
9-89

AUG 22 2016

110 Small Fab 0.00

110

Small Fab Memo 0.16

Small Fab

1- Loosely assemble as per
dwg D412-769-2 except for aft connection of D3783-045

2- Temporarily place spacers D4679-1 and seat pan D3774-1 clamp in place and
transfer drill hole for connection of D3783-045 in seat pan.

3-Remove seat pan and enlarge drilled hole to 3/4"

4-place seat frame on assembly jig DT-9006

5-tighten all connections

1



AUG 24 2016

DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____		DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐		AGAINST DEPARTMENT/PROCESS <table style="width: 100%; border: none;"> <tr> <td style="border: none;">Skid-tube ☐</td> <td style="border: none;">Cross tube ☐</td> <td style="border: none;">Water Jet ☐</td> <td style="border: none;">Engineering ☐</td> </tr> <tr> <td style="border: none;">Machining ☐</td> <td style="border: none;">Small Fab ☐</td> <td style="border: none;">Prod. Eng. Coord. ☐</td> <td style="border: none;">Quality ☐</td> </tr> <tr> <td style="border: none;">Thermoforming ☐</td> <td style="border: none;">Finishing ☐</td> <td style="border: none;">Rec/Store/Packaging ☐</td> <td style="border: none;">Other ☐</td> </tr> <tr> <td style="border: none;">Large Fab ☐</td> <td style="border: none;">Composite ☐</td> <td style="border: none;">Supplier ☐</td> <td style="border: none;"></td> </tr> </table>						Skid-tube ☐	Cross tube ☐	Water Jet ☐	Engineering ☐	Machining ☐	Small Fab ☐	Prod. Eng. Coord. ☐	Quality ☐	Thermoforming ☐	Finishing ☐	Rec/Store/Packaging ☐	Other ☐	Large Fab ☐	Composite ☐	Supplier ☐																																															
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DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order update only ☐

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		OTHER : _____																							

147626

Wednesday, June 08, 2016 2:45:46 PM

N900040100

Setup Start *NS1*

Stop *NS2*

Start Date: 5/30/2016 **Start Qty:** 1.00 ***1***

Cust Item ID:

Required Date: 6/8/2016 **Req'd Qty:** 1.00 *** 1 ***

Customer:

Reference:

Run Start *NR1*

Approvals: **Process Plan:** _____ **Date:** _____ **Tooling:** _____ **Date:** _____

Stop *NR2*

QC: _____ Date: _____ SPC (Y/N): _____ Date: _____

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
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Pick Kit

0.00

150

Packaging

Memo

0.00

Packaging

160

0.00

160

Small Fab

Small Fab

Memo

0.35

Small Fab

1- install remaining parts as per dwg D412-769-2

170

QC5- Inspect part completeness to step on W/O

0.00

170

QC

Memo

0.00

Quality Control

DAS
38
9-89

AUG 25 2016

DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

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N900040100

Setup Start *NS1*

Stop *NS2*

Customer:

Start Date: 5/30/2016 **Start Qty:** 1.00 ***1***

Required Date: 6/8/2016 Req'd Qty: 1.00 * 1 *

Run Start *NR1*

Approvals: **Process Plan:** _____ **Date:** _____ **Tooling:** _____ **Date:** _____

Stop *NR2*

QC: _____ Date: _____ SPC (Y/N): _____ Date: _____

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Identify as per dwg & Stock Location: _____

0.00

180

Memo

PPF 147624^{0.00}

Packaging

Packaging

DAS
27
9-89

AUG 24 2016

QC21- Final Inspection - Work Order Release

0.00

190

Memo

0.02

QC

Quality Control

**DAS
21
9-89**

AUG 25 2016

MF
16-8-25

DQA: _____ Date: _____

**WORK ORDER NON-CONFORMANCE / UPDATE**

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OTHER : ☐									

Picklist Print

Wednesday, June 08, 2016 2:45:46 PM

Page 1

Work Order ID: 147626

147626

Parent Item: D412-769-044

D412-769-044

Parent Item Name: Aft Facing Seat Assembly, RH

Start Date: 5/30/2016

Required Date: 6/8/2016

Start Qty: 1.00

Required Qty: 1.00

Comments: IPP rev A 08.05-12 new issue DD verified by:ec
 IPP Rev:B 08-07-17 revB as per dwg DD verified by:ec
 IPP Rev:C 08-08-21 move D3792-1 after powder coat DD verified by:EC
 IPP REV:D 12.07.27
 (DEO-B1) (ECN12-621) DD VERF:EC

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Qty per Kit	Total Qty	Qty Issued	Date Issued	Status
AN3-5A *AN3-5A* Bolt		Purchased	No			110	Each	222.0000	6	6			DAS 6 9-89
										**	135058		

Location	Loc Qty	Loc Code
FP001	4	
m133686	2	
m134055	2	
ST350	218	
m134502	218	

AN4-15A *AN4-15A* Bolt		Purchased	No			110	Each	158.0000	2	2			DAS 6 9-89
										**	134953 135297		

Location	Loc Qty	Loc Code
GA	26	
120449	26	
ST343	132	
m134762	132	

AN45-13A *AN45-13A* EYE BOLT		Purchased	No			110	Each	30.0000	1	1			DAS 6 9-89
										**			

Location	Loc Qty	Loc Code
ST339	30	
m134570	10	
m134587	20	

AUG 22 2015

DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order update only ☐

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		OTHER :																																																																					

Picklist Print

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Page 2

Work Order ID: 147626

147626

Parent Item: D412-769-044

D412-769-044

Parent Item Name: Aft Facing Seat Assembly, RH

Start Date: 5/30/2016

Required Date: 6/8/2016

Start Qty: 1.00

Required Qty: 1.00

AN5-10A Purchased No

110 Each 72.0000 6 6

AN5-10A

Bolt

**

135390

DAS
9-89

Location

Loc Qty

Loc Code

GA

51

122800

51

ST338

21

m134634

21

AN5-13A Purchased No

110 Each 57.0000 2 2

AN5-13A

BOLT

**

Location

Loc Qty

Loc Code

CA

2

m129682

2

GA

6

122800

6

over003

20

m134754

20

ST338

29

m132803

9

m134497

20

AN525-10R24 Purchased No

110 Each 35.0000 9 9

AN525-10R24

Screw

**

135049

DAS
9-89
AUG 22 2016

Location

Loc Qty

Loc Code

GA

35

m131467

35

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Page 2

DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____	DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐	AGAINST DEPARTMENT/PROCESS Skid-tube ☐ Machining ☐ Thermoforming ☐ Large Fab ☐ Cross tube ☐ Small Fab ☐ Finishing ☐ Composite ☐ Water Jet ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging ☐ Supplier ☐ Engineering ☐ Quality ☐ Other ☐			
Date : _____	Step #: _____	QTY Effective : _____		MRB (QSI042) Approval	
Description Work Order Deviation		Disposition		Completed By	
				Lead hand / Supervisor Approval Verification	
				QC / QA Coordinator Approval	
Root Cause Environment ☐ Design ☐ Doc/Data ☐ Equip/Tooling ☐ Handling/Pre ☐ Material ☐ Internal Transport ☐ Tribal Knowledge ☐ LOA ☐ Substation ☐ Past Expiry Date ☐ Misidentified ☐ No Re-verification ☐ Operator ☐ Offset/Setup ☐ Supplier ☐ Training ☐ Use for Testing ☐ Poor Information ☐ Rushing ☐ Product Improvement ☐ Process Improvement ☐ Manufacturing Process ☐ Past Due ☐		FAULT CATEGORY Pressure/Forced ☐ Bending ☐ Centre Not Concentric ☐ Cracks ☐ Crimp/Kink/Ripple/Wave ☐ Cuffs ☐ Crushing ☐ Heat Treat ☐ Wave/Twist in Tube ☐ Marks/Chatter ☐ Temperature/Cure ☐ Set-up ☐ BOM/Route ☐ Broken/Damage/Defect ☐ Inspection Incomplete/Unqualified ☐ Contamination ☐ Countersink ☐ Cut Too Short ☐ Instructions Incomplete/Unclear ☐ Drill Holes ☐ Power Loss/Surge ☐ Folio/Program ☐ Grain ☐ Weld ☐ Wrong Stock Pulled ☐ Out of Sequence ☐ Off-set ☐ Mislabeled ☐ Fit/Function ☐ Misaligned/off center ☐ Positioned Wrong ☐ Outside Dimensions ☐ Over/Under tolerance ☐ Part Incorrect ☐ Part Lost/Missing ☐ Part Moved ☐ Drawing ☐ Finish ☐ Misread ☐ Turning Sequence ☐			
OTHER : _____					

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Page 3

Work Order ID: 147626

147626

Parent Item: D412-769-044

D412-769-044

Parent Item Name: Aft Facing Seat Assembly, RH

Start Date: 5/30/2016

Required Date: 6/8/2016

Start Qty: 1.00

Required Qty: 1.00

D3766-2 Manufactured No

110

Each

8.0000

1

1

D3766-2

Front Rail, RH

**

DAS
6
9-89

Location

Loc Qty

Loc Code

ST254

8

143702

8

D3766-3 Manufactured No

110

Each

10.0000

1

1

D3766-3

Rear Rail

**

DAS
6
9-89

Location

Loc Qty

Loc Code

ST254

10

143700

10

D3767-1 Manufactured No

110

Each

8.0000

1

1

D3767-1

Upper Rail

**

DAS
6
9-89

Location

Loc Qty

Loc Code

ST254

8

143703

8

D3782-041 Manufactured No

110

Each

0.0000

1

1

D3782-041

Front, Outboard Leg Assembly

**

DAS
6
9-89

D3782-044

Manufactured No

110

Each

0.0000

1

1

D3782-044

Front Outboard Leg Assembly, RH

**

DAS
6
9-89

D3782-045

Manufactured No

110

Each

4.0000

2

2

D3782-045

Back Leg Assembly

**

DAS
6
9-89

Location

Loc Qty

Loc Code

ST257

4

143704

4

2

ALL 7 7 2016

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Page 3

DQA: _____ Date: _____

**WORK ORDER NON-CONFORMANCE / UPDATE**

QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____		DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐		AGAINST DEPARTMENT/PROCESS Skid-tube ☐ Machining ☐ Thermoforming ☐ Large Fab ☐ Cross tube ☐ Small Fab ☐ Finishing ☐ Composite ☐ Water Jet ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging ☐ Supplier ☐ Engineering ☐ Quality ☐ Other ☐					
Date : _____		Step #: _____		QTY Effective : _____			MRB (QSI042) Approval		
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								Lead hand / Supervisor Approval Verification	
								QC / QA Coordinator Approval	
Root Cause		FAULT CATEGORY							
Environment ☐	No Re-verification ☐	Pressure/Forced ☐	Temperature/Cure ☐	Power Loss/Surge ☐	Positioned Wrong ☐				
Design ☐	Operator ☐	Bending ☐	Set-up ☐	Folio/Program ☐	Outside Dimensions ☐				
Doc/Data ☐	Offset/Setup ☐	Centre Not Concentric ☐	BOM/Route ☐	Grain ☐	Over/Under tolerance ☐				
Equip/Tooling ☐	Supplier ☐	Cracks ☐	Broken/Damage/Defect ☐	Weld ☐	Part Incorrect ☐				
Handling/Pre ☐	Training ☐	Crimp/Kink/Ripple/Wave ☐	Inspection Incomplete/Unqualified ☐	Wrong Stock Pulled ☐	Part Lost/Missing ☐				
Material ☐	Use for Testing ☐	Cuffs ☐	Contamination ☐	Out of Sequence ☐	Part Moved ☐				
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Tribal Knowledge ☐	Rushing ☐	Heat Treat ☐	Cut Too Short ☐	Mislabeled ☐	Finish ☐				
LOA ☐	Product Improvement ☐	Wave/Twist in Tube ☐	Instructions Incomplete/Unclear ☐	Fit/Function ☐	Misread ☐				
Substation ☐	Process Improvement ☐	Marks/Chatter ☐	Drill Holes ☐	Misaligned/off center ☐	Turning Sequence ☐				
Past Expiry Date ☐	Manufacturing Process ☐	OTHER : _____							
Misidentified ☐	Past Due ☐								

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Work Order ID: 147626

147626

Parent Item: D412-769-044

D412-769-044

Parent Item Name: Aft Facing Seat Assembly, RH

Start Date: 5/30/2016

Required Date: 6/8/2016

Start Qty: 1.00

Required Qty: 1.00

D3783-041	Manufactured	No	110	Each	2.0000	1	1	DAS 6 9-89
D3783-041								
Lateral Brace Assembly								

Location Loc Qty Loc Code

ST253

2

142116

2

D3783-043	Manufactured	No	110	Each	2.0000	2	2	DAS 6 9-89
D3783-043								
Longitudinal Brace Assembly								

Location Loc Qty Loc Code

ST253

2

144550

2

D3783-045	Manufactured	No	110	Each	0.0000	1	1	DAS 6 9-89
D3783-045								
Angle Brace Assembly								

D3784-041	Manufactured	No	110	Each	1.0000	1	1	DAS 6 9-89
D3784-041								
Seat Support Assembly, Center								

Location Loc Qty Loc Code

ST253

1

145621

1

D3784-043	Manufactured	No	110	Each	0.0000	1	1	DAS 30 9-89
D3784-043								
Seat Support Assembly, LH								

D3784-044	Manufactured	No	110	Each	0.0000	1	1	DAS 6 9-89
D3784-044								
Seat Support Assembly, RH								

AUG 22 2016

AUG 24 2016

AUG 22 2016

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DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____		DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐		AGAINST DEPARTMENT/PROCESS Skid-tube ☐ Machining ☐ Thermoforming ☐ Large Fab ☐ Cross tube ☐ Small Fab ☐ Finishing ☐ Composite ☐ Water Jet ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging ☐ Supplier ☐ Engineering ☐ Quality ☐ Other ☐					
Date :		Step #:		QTY Effective :			MRB (QS1042) Approval 		
Description Work Order Deviation				Disposition					
								Completed By	
								Lead hand / Supervisor Approval Verification	
								QC / QA Coordinator Approval	
Root Cause Environment ☐ Design ☐ Doc/Data ☐ Equip/Tooling ☐ Handling/Pre ☐ Material ☐ Internal Transport ☐ Tribal Knowledge ☐ LOA ☐ Substation ☐ Past Expiry Date ☐ Misidentified ☐ No Re-verification ☐ Operator ☐ Offset/Setup ☐ Supplier ☐ Training ☐ Use for Testing ☐ Poor Information ☐ Rushing ☐ Product Improvement ☐ Process Improvement ☐ Manufacturing Process ☐ Past Due ☐		FAULT CATEGORY Pressure/Forced ☐ Bending ☐ Centre Not Concentric ☐ Cracks ☐ Crimp/Kink/Ripple/Wave ☐ Cuffs ☐ Crushing ☐ Heat Treat ☐ Wave/Twist in Tube ☐ Marks/Chatter ☐ Temperature/Cure ☐ Set-up ☐ BOM/Route ☐ Broken/Damage/Defect ☐ Inspection Incomplete/Unqualified ☐ Contamination ☐ Countersink ☐ Cut Too Short ☐ Instructions Incomplete/Unclear ☐ Drill Holes ☐ Power Loss/Surge ☐ Folio/Program ☐ Grain ☐ Weld ☐ Wrong Stock Pulled ☐ Out of Sequence ☐ Off-set ☐ Mislabeled ☐ Fit/Function ☐ Misaligned/off center ☐ Positioned Wrong ☐ Outside Dimensions ☐ Over/Under tolerance ☐ Part Incorrect ☐ Part Lost/Missing ☐ Part Moved ☐ Drawing ☐ Finish ☐ Misread ☐ Turning Sequence ☐							
OTHER : ☐									

Picklist Print

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Page 5

Work Order ID: 147626

147626

Parent Item: D412-769-044

D412-769-044

Parent Item Name: Aft Facing Seat Assembly, RH

Start Date: 5/30/2016

Required Date: 6/8/2016

Start Qty: 1.00

Required Qty: 1.00

MS21042L3 Purchased No

110 Each 1,895.000 9 9

MS21042L3

Nut

**

135056
135135

DAS
6
9-89

Location	Loc Qty	Loc Code
FP001	44	
m133790	44	
GA	269	
m133790	3	
m134360	266	
OVER007	600	
m134754	600	
ST303	982	
m134039	12	
m134634	170	
m134943	800	

MS21042L4 Purchased No

110 Each 1,818.000 2 2

MS21042L4

Locknut

**

135127
135291

DAS
6
9-89

Location	Loc Qty	Loc Code
GA	181	
m133769	181	
OVER007	1000	
m134861	1000	
ST303	543	
m134762	543	
ST305	94	
m130922	94	

ATG 22 2016

DQA: _____ Date: _____

**WORK ORDER NON-CONFORMANCE / UPDATE**

QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____		DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐		AGAINST DEPARTMENT/PROCESS <table style="width:100%; border: none;"> <tr> <td style="border: none;">Skid-tube ☐</td> <td style="border: none;">Cross tube ☐</td> <td style="border: none;">Water Jet ☐</td> <td style="border: none;">Engineering ☐</td> </tr> <tr> <td style="border: none;">Machining ☐</td> <td style="border: none;">Small Fab ☐</td> <td style="border: none;">Prod. Eng. Coord. ☐</td> <td style="border: none;">Quality ☐</td> </tr> <tr> <td style="border: none;">Thermoforming ☐</td> <td style="border: none;">Finishing ☐</td> <td style="border: none;">Rec/Store/Packaging ☐</td> <td style="border: none;">Other ☐</td> </tr> <tr> <td style="border: none;">Large Fab ☐</td> <td style="border: none;">Composite ☐</td> <td style="border: none;">Supplier ☐</td> <td></td> </tr> </table>						Skid-tube ☐	Cross tube ☐	Water Jet ☐	Engineering ☐	Machining ☐	Small Fab ☐	Prod. Eng. Coord. ☐	Quality ☐	Thermoforming ☐	Finishing ☐	Rec/Store/Packaging ☐	Other ☐	Large Fab ☐	Composite ☐	Supplier ☐	
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Machining ☐	Small Fab ☐	Prod. Eng. Coord. ☐	Quality ☐																						
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Root Cause		FAULT CATEGORY																							
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Design ☐	Operator ☐	Bending ☐	Set-up ☐	Folio/Program ☐	Outside Dimensions ☐																				
Doc/Data ☐	Offset/Setup ☐	Centre Not Concentric ☐	BOM/Route ☐	Grain ☐	Over/Under tolerance ☐																				
Equip/Tooling ☐	Supplier ☐	Cracks ☐	Broken/Damage/Defect ☐	Weld ☐	Part Incorrect ☐																				
Handling/Pre ☐	Training ☐	Crimp/Kink/Ripple/Wave ☐	Inspection Incomplete/Unqualified ☐	Wrong Stock Pulled ☐	Part Lost/Missing ☐																				
Material ☐	Use for Testing ☐	Cuffs ☐	Contamination ☐	Out of Sequence ☐	Part Moved ☐																				
Internal Transport ☐	Poor Information ☐	Crushing ☐	Countersink ☐	Off-set ☐	Drawing ☐																				
Tribal Knowledge ☐	Rushing ☐	Heat Treat ☐	Cut Too Short ☐	Mislabeled ☐	Finish ☐																				
LOA ☐	Product Improvement ☐	Wave/Twist in Tube ☐	Instructions Incomplete/Unclear ☐	Fit/Function ☐	Misread ☐																				
Substation ☐	Process Improvement ☐	Marks/Chatter ☐	Drill Holes ☐	Misaligned/off center ☐	Turning Sequence ☐																				
Past Expiry Date ☐	Manufacturing Process ☐	OTHER : _____																							
Misidentified ☐	Past Due ☐																								

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Page 6

Work Order ID: 147626

Parent Item: D412-769-044

Parent Item Name: Aft Facing Seat Assembly, RH

147626

D412-769-044

Start Date: 5/30/2016

Required Date: 6/8/2016

Start Qty: 1.00

Required Qty: 1.00

NAS1149D0363J

Purchased

No

110

Each

1,571.000

23

23

NAS1149D0363.I

Washer

**

~~1350~~ 134955

Location

Loc Qty

Loc Code

GA

465

m134055

465

ST263

1106

m134606

106

m134676

1000

NAS1149D0463J

Purchased

No

110

Each

3,657.000

4

4

NAS1149D0463.I

WASHER

**

135050

Location

Loc Qty

Loc Code

GA

86

M132035

21

M134508

65

ST260a

2000

M134852

1000

M134943

1000

ST263

1571

M134754

1571

NAS1149D0563J

Purchased

No

110

Each

957.0000

20

20

NAS1149D0563.I

Washer

**

135058

Location

Loc Qty

Loc Code

GA

231

m125807

2

m133769

229

ST263

627

m134497

627

ST269

99

m128257

99

AUG 22 2016 DAS 6 9-89

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Page 6

DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____	DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐	AGAINST DEPARTMENT/PROCESS Skid-tube ☐ Machining ☐ Thermoforming ☐ Large Fab ☐ Cross tube ☐ Small Fab ☐ Finishing ☐ Composite ☐ Water Jet ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging ☐ Supplier ☐ Engineering ☐ Quality ☐ Other ☐			
Date : _____	Step #: _____	QTY Effective : _____		MRB (QSI042) Approval	
Description Work Order Deviation		Disposition		Completed By	
				Lead hand / Supervisor Approval Verification	
				QC / QA Coordinator Approval	
Root Cause		FAULT CATEGORY			
Environment ☐ Design ☐ Doc/Data ☐ Equip/Tooling ☐ Handling/Pre ☐ Material ☐ Internal Transport ☐ Tribal Knowledge ☐ LOA ☐ Substation ☐ Past Expiry Date ☐ Misidentified ☐ No Re-verification ☐ Operator ☐ Offset/Setup ☐ Supplier ☐ Training ☐ Use for Testing ☐ Poor Information ☐ Rushing ☐ Product Improvement ☐ Process Improvement ☐ Manufacturing Process ☐ Past Due ☐	Pressure/Forced ☐ Bending ☐ Centre Not Concentric ☐ Cracks ☐ Crimp/Kink/Ripple/Wave ☐ Cuffs ☐ Crushing ☐ Heat Treat ☐ Wave/Twist in Tube ☐ Marks/Chatter ☐ Temperature/Cure ☐ Set-up ☐ BOM/Route ☐ Broken/Damage/Defect ☐ Inspection Incomplete/Unqualified ☐ Contamination ☐ Countersink ☐ Cut Too Short ☐ Instructions Incomplete/Unclear ☐ Drill Holes ☐ Power Loss/Surge ☐ Folio/Program ☐ Grain ☐ Weld ☐ Wrong Stock Pulled ☐ Out of Sequence ☐ Off-set ☐ Mislabeled ☐ Fit/Function ☐ Misaligned/off center ☐ Positioned Wrong ☐ Outside Dimensions ☐ Over/Under tolerance ☐ Part Incorrect ☐ Part Lost/Missing ☐ Part Moved ☐ Drawing ☐ Finish ☐ Misread ☐ Turning Sequence ☐				
OTHER : _____					

Picklist Print

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Page 7

Work Order ID: 147626

147626

Parent Item: D412-769-044

D412-769-044

Parent Item Name: Aft Facing Seat Assembly, RH

Start Date: 5/30/2016

Required Date: 6/8/2016

Start Qty: 1.00

Required Qty: 1.00

AN525-10R22

Purchased

No

160

Each

25.0000

11

11

AN525-10R22

Screw

**

135046

DAS
6
9-89

Location

Loc Qty

Loc Code

GA

25

M131467

25

AN525-10R28

Purchased

No

160

Each

49.0000

2

2

AN525-10R28

SCREW

**

DAS
6
9-89

Location

Loc Qty

Loc Code

ST329

49

m134360

49

D3774-1

Manufactured

No

160

Each

4.0000

1

1

D3774-1

Seat Bottom, LH/RH

**

DAS
6
9-89

Location

Loc Qty

Loc Code

ST250

4

143701

4

D3774-3

Manufactured

No

160

Each

1.0000

1

1

D3774-3

Seat Back, LH/RH

**

147254

DAS
6
9-89

Location

Loc Qty

Loc Code

ST250

1

129470

1

D3775-1

Manufactured

No

160

Each

1.0000

2

2

D3775-1

Guard

**

DAS
6
9-89

Location

Loc Qty

Loc Code

ST053

1

127643

1

AUG 22 2016

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Page 7

DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____	DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐	AGAINST DEPARTMENT/PROCESS Skid-tube ☐ Machining ☐ Thermoforming ☐ Large Fab ☐ Cross tube ☐ Small Fab ☐ Finishing ☐ Composite ☐ Water Jet ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging ☐ Supplier ☐ Engineering ☐ Quality ☐ Other ☐			
Date : _____	Step #: _____	QTY Effective : _____		MRB (QSI042) Approval	
Description Work Order Deviation		Disposition		Completed By	
				Lead hand / Supervisor Approval Verification	
				QC / QA Coordinator Approval	
Root Cause Environment ☐ Design ☐ Doc/Data ☐ Equip/Tooling ☐ Handling/Pre ☐ Material ☐ Internal Transport ☐ Tribal Knowledge ☐ LOA ☐ Substation ☐ Past Expiry Date ☐ Misidentified ☐ No Re-verification ☐ Operator ☐ Offset/Setup ☐ Supplier ☐ Training ☐ Use for Testing ☐ Poor Information ☐ Rushing ☐ Product Improvement ☐ Process Improvement ☐ Manufacturing Process ☐ Past Due ☐		FAULT CATEGORY Pressure/Forced ☐ Bending ☐ Centre Not Concentric ☐ Cracks ☐ Crimp/Kink/Ripple/Wave ☐ Cuffs ☐ Crushing ☐ Heat Treat ☐ Wave/Twist in Tube ☐ Marks/Chatter ☐ Temperature/Cure ☐ Set-up ☐ BOM/Route ☐ Broken/Damage/Defect ☐ Inspection Incomplete/Unqualified ☐ Contamination ☐ Countersink ☐ Cut Too Short ☐ Instructions Incomplete/Unclear ☐ Drill Holes ☐ Power Loss/Surge ☐ Folio/Program ☐ Grain ☐ Weld ☐ Wrong Stock Pulled ☐ Out of Sequence ☐ Off-set ☐ Misabeled ☐ Fit/Function ☐ Misaligned/off center ☐ Positioned Wrong ☐ Outside Dimensions ☐ Over/Under tolerance ☐ Part Incorrect ☐ Part Lost/Missing ☐ Part Moved ☐ Drawing ☐ Finish ☐ Misread ☐ Turning Sequence ☐			
OTHER : _____					

Picklist Print

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Work Order ID: 147626

147626

Parent Item: D412-769-044

D412-769-044

Parent Item Name: Aft Facing Seat Assembly, RH

Start Date: 5/30/2016

Required Date: 6/8/2016

Start Qty: 1.00

Required Qty: 1.00

D3792-1 Manufactured No

160 Each

6.0000

3 3

D3792-1

Eye Bolt

**

DAS
6
8-89

Location

Loc Qty

Loc Code

ST253

6

127630

6

3

D4679-1 Manufactured No

160 Each

16.0000

2 2

D4679-1

Spacer

**

FF

AUG 22 2016

DAS
6
8-89

Location

Loc Qty

Loc Code

GA

16

127580

16

2

MS21042L3 Purchased No

160 Each

1,895.000

19 19

MS21042L3

Nut

**

135058
135735

DAS
6
8-89

Location

Loc Qty

Loc Code

FP001

44

m133790

44

GA

269

m133790

3

m134360

266

OVER007

600

m134754

600

ST303

982

m134039

12

m134634

170

m134943

800

AUG 22 2016

DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____	DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐	AGAINST DEPARTMENT/PROCESS <table style="width:100%; border: none;"> <tr> <td style="border: none;">Skid-tube ☐</td> <td style="border: none;">Cross tube ☐</td> <td style="border: none;">Water Jet ☐</td> <td style="border: none;">Engineering ☐</td> </tr> <tr> <td style="border: none;">Machining ☐</td> <td style="border: none;">Small Fab ☐</td> <td style="border: none;">Prod. Eng. Coord. ☐</td> <td style="border: none;">Quality ☐</td> </tr> <tr> <td style="border: none;">Thermoforming ☐</td> <td style="border: none;">Finishing ☐</td> <td style="border: none;">Rec/Store/Packaging ☐</td> <td style="border: none;">Other ☐</td> </tr> <tr> <td style="border: none;">Large Fab ☐</td> <td style="border: none;">Composite ☐</td> <td style="border: none;">Supplier ☐</td> <td></td> </tr> </table>				Skid-tube ☐	Cross tube ☐	Water Jet ☐	Engineering ☐	Machining ☐	Small Fab ☐	Prod. Eng. Coord. ☐	Quality ☐	Thermoforming ☐	Finishing ☐	Rec/Store/Packaging ☐	Other ☐	Large Fab ☐	Composite ☐	Supplier ☐																																																
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Work Order ID: 147626

147626

Parent Item: D412-769-044

D412-769-044

Parent Item Name: Aft Facing Seat Assembly, RH

Start Date: 5/30/2016

Required Date: 6/8/2016

Start Qty: 1.00

Required Qty: 1.00

MS21042L5

Purchased

No

160

Each

433.0000

12

12

MS21042L5

Nut

**

135058x10
134955x2

886 D4

Location

Loc Qty

Loc Code

GA

95

m127813

95

OVER007

100

m134509

100

ST303

238

m134055

6

m134676

32

m134762

200

NAS1149D0332J

Purchased

No

160

Each

1,258.000

11

11

NAS1149D0332.J

Washer

**

135046

AUG 22 2016
886 D4

Location

Loc Qty

Loc Code

CA

6

m129682

6

FP001

22

m134502

22

ST260a

1200

m134738

600

m134848

600

ST264

30

m134502

30

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DQA: _____ Date: _____

**WORK ORDER NON-CONFORMANCE / UPDATE**

QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____		DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐		AGAINST DEPARTMENT/PROCESS <table style="width:100%; border: none;"> <tr> <td style="border: none;">Skid-tube ☐</td> <td style="border: none;">Cross tube ☐</td> <td style="border: none;">Water Jet ☐</td> <td style="border: none;">Engineering ☐</td> </tr> <tr> <td style="border: none;">Machining ☐</td> <td style="border: none;">Small Fab ☐</td> <td style="border: none;">Prod. Eng. Coord. ☐</td> <td style="border: none;">Quality ☐</td> </tr> <tr> <td style="border: none;">Thermoforming ☐</td> <td style="border: none;">Finishing ☐</td> <td style="border: none;">Rec/Store/Packaging ☐</td> <td style="border: none;">Other ☐</td> </tr> <tr> <td style="border: none;">Large Fab ☐</td> <td style="border: none;">Composite ☐</td> <td style="border: none;">Supplier ☐</td> <td></td> </tr> </table>						Skid-tube ☐	Cross tube ☐	Water Jet ☐	Engineering ☐	Machining ☐	Small Fab ☐	Prod. Eng. Coord. ☐	Quality ☐	Thermoforming ☐	Finishing ☐	Rec/Store/Packaging ☐	Other ☐	Large Fab ☐	Composite ☐	Supplier ☐																																															
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